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Common Operating Picture for USACE

A Readiness XXI initiative of the Readiness and Reporting PDT

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Agenda

- Common Operating Picture – defined
- Implementation Vision
- Schedule
- Resources
- Way Ahead

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Common Operating Picture - Defined

- USACE needs a Common Operating Picture (COP) that quickly gives a visual array of pertinent information related to USACE response and recovery activities in the aftermath of natural or man-made disasters.
- Decision Makers need to quickly be able to assimilate the current situation, identify shortfalls or cascading affects, and provide guidance on current and future operations using this visual array of information.

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Common Operating Picture

- What information is required to achieve COP?
  - Status of Teams, i.e. deployment status or alert, location – Resources in reserve – Teams and Equipment Assets
  - Total FEMA and USACE Funds per event
  - Total personnel deployed by mission
  - Total personnel deployed by MSC
  - Requests for Information and Status Tracking
  - Checklists of actions (HQ/MSC/District) and status tracking
  - Summarized Media reports of interest and links to full story for all levels, and daily or weekly talking points
  - Links to Models and GIS products created for event
  - USACE Critical Infrastructure within event AOR and pull of NICC data from HSIN
  - SWEAT Data from HSIN
  - CCIR Data

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Common Operating Picture

How do we display these information items?

- Most data already resides in ENGLink – leverage existing system hierarchy to produce it visually.
- 8 Tile customizable display through existing plasma or video projector systems in EOC's
- Make it available to all levels – HQ, MSC, District
- Make it part of workflow of functional elements
- Desktop version to tile through all available panels

COP – Current Incidents

USACE Incident Report

Latest Situation Reports

Released	SPL-015	Details
Released	RSC-005	Details
Released	LRP-001	Details
Released	SPL-014	Details
Released	RSC-004	Details
Released	SPL-013	Details

Executive Summary

Released 001 - UOC EXSUM 8 NOV 07 Details

OPSUMs

None Listed

Briefing

Report Details - SPL-015

Contents

- Welcome
- Situation
  - Situation
  - General
  - Weather (San Diego)
  - Damage Assessment
  - Employee Accountability
- Operations
  - Project Operations
  - USACE Authorities
  - FEMA Mission Assignments
  - FEMA Mission: 1731 DR-CA-COE-SPD-04 (Emergency Power)
  - FEMA Mission: 1731 DR-CA-COE-SPD-05 (GIS Support)
  - FEMA Mission: 1731 DR-CA-COE-SPD-08 (Technical Assistance)
  - FEMA Mission: 1731 DR-CA-COE-SPD-07 (Temporary Housing)
  - FEMA Mission 1731DR-CA-COE-SPD-02 (Regional Activation)
  - FEMA Mission: 1731 DR-CA-COE-SPD-03 (Regional ESF #3 Activation)
  - 1731DR-CA-COE-SPD-09 (Emergency Power (DFA)-Tribal Lands)
- Crisis Management
  - Personnel
  - Information Management
  - Logistics
  - Public Affairs
  - Security & Safety
  - Contracting
- Other Efforts

Situation

C. Damage Assessment

Fatalities: 7
Reported Injuries: 130 (CA OES)
Total Acres Burned to Date: 518,066 (CA OES)
Structures Destroyed: 3,177 (CA OES)
Structures Damaged: 511
Sheltered population: 47 in 7 shelters

Health Impacts
Water: Several communities within San Diego, San Bernardino County, and Los Angeles County are under Boil Water Orders.

Operations

B. USACE Authorities

Los Angeles District EOC has been activated at Level III, partial activation and is staffed for 12 hours per day (M-F: 0600 to 1800 hours/day) until further notice. SPL has received no requests for PL 84-99 assistance from the state.

JFO in Pasadena, CA has converted to one shift, 0700 to 1900 hours.

Actions under USACE authorities have been restricted to coordination with state and local governments. SPL is continuing

COP - Incident Panel

Events

Latitude/Longitude: 34.291, -118.401

Contact Information

Liaison Officer	Lyle Seethaler
Field Officer	Cavin Le
HR POC	Christine Borden
Lodging POC	Chris Wilber
Financial POC	John Sharp

California Wildfires – 2007 [HQ]

Open in ENGLink

Event Type	Forest Fire
Impacted Org	SPL
Total Funds	$350,000
Deployed [Enroute]	2
Deployed [On-Site]	32
Deployed [Redeployed]	6
Open Taskers	13
PRT Teams Deployed	2

Latest Situation Report [SPL-O15]

Open in ENGLink

Currently two (2) active fires remain (in San Diego County and Orange Counties); both fires are approximately 94% contained.

Missions

Mission Assignments

HQ
- National Activation (NRCC)
- Class 200 (Emergency Response)

Division
- Regional Activation [SPD]
- Class 210 [SPD]

District
- Power [LRP]
- Power [SPL]
- Temporary Housing [SPL]
- Technical Assistance [SPL]

Mission Details - Power [LRP]

Open in ENGLink

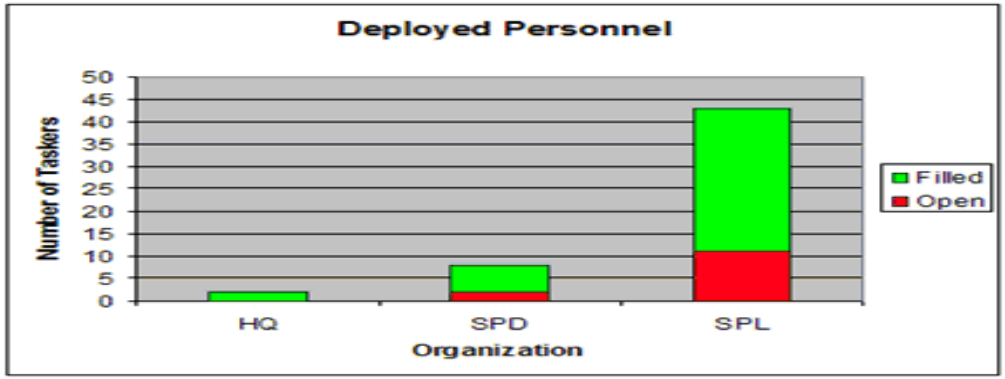
Mission Number	COE-SPD-03(V)
Assignment Date	23-Oct-2007
Total Funds	$350,000
Funds Available	$70,000
Declaration Code	9999
State Coverage	CA
Agency POC	T.J. Fichera

Mission Statement

To provide mission coordination of Emergency Power Team and resources in support of on going operations in Southern California due to the wildfires throughout

COP – Resources

Teams / Personnel



Team Leaders	Count
Deployed	1
Alerted	2
Available	19
Out of Office	1

Assistant Team Leaders	Count
Deployed	4
Alerted	3
Available	28
Out of Office	4

Deployed PRTs	Location
NAP Y D — Emergency Power – NAP Power	CA
SPL Y D — Temporary Housing – SPL Housing	CA

Alerted PRTs	Location
SPK Y A — Debris Removal – SPK Debris	San Diego, CA
White N A I — GIS Cadre – White	Los Angeles, CA

Available PRTs	# of Teams
Combined Commodities	7
Debris Removal	5
ESF #3 Support Team	1
Emergency Power	5
Infrastructure Assessment	4
National Ice	2
National Water	2
Temporary Housing	5
Temporary Roofing	5

Equipment

Status: (•) Deployed ( ) Alerted ( ) Available

Deployed Equipment	Count
RRV – 4 Q D — RRV – 4 (Los Angeles, CA)	
Emergency USACE Shirts	50
Fire Protection Suits	4
Govt Issues Cell Phones	25

Add Equipment

Equipment: Military TA-50
Count: 15
Status: Deployed
Icon: [ ] Browse..

GIS Products

Selected Image

Preview

Details

Description:	Map of Evacuation Shelters
Type:	Image [.gif]
Source:	San Diego Red Cross
Other Information:	Other description Information

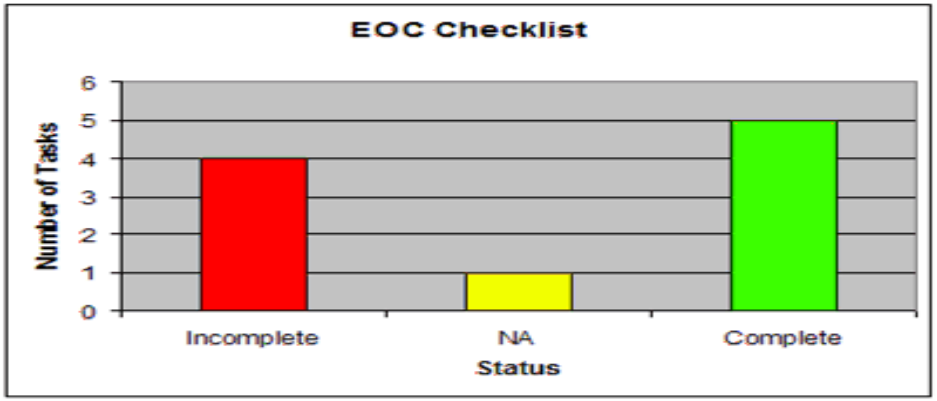
Download

Attachments

Description	Type	Source	Created By	Date Created
San Diego County Fire Locations	PDF	GIS Cadre	Gaston, Ron	25-Oct-2007, 11:12
Rosa Fire Details	PDF	San Diego Fire Co.	Gaston, Ron	25-Oct-2007, 08:23
Aerial Photos of Damaged Buildings	Image [.tiff]	GIS Cadre	Simons, Chris	25-Oct-2007, 06:47
Santa Monica Fire (Satellite photos)	Image [.tiff]	GIS Cadre	Gaston, Ron	24-Oct-2007, 17:35
Los Angeles County - Active Fires	PDF	City of Los Angeles	Simons, Chris	24-Oct-2007, 16:02
Map of Evacuation Shelters	Image [.gif]	San Diego Red Cross	Simons, Chris	24-Oct-2007, 20:16
San Diego County – Mandatory Evacuation Areas	KML	City of San Diego	Gaston, Ron	24-Oct-2007, 13:54
San Diego County – Re-opened Areas	KML	City of San Diego	Gaston, Ron	24-Oct-2007, 13:52

COP – EOC Checklist

Overview



Highest Priority Tasks

1. Create Sitrep - 11/09/07
2. Release Tasker – ESF 3 Team Leader
3. Select Personnel - ESF 3 Support
4. Associate Vendor Hotels
5. Distribute OPSUM

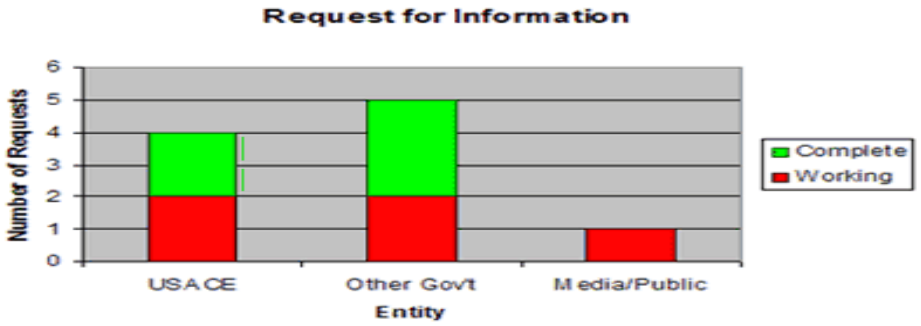
Checklist

Priority	Task	Description	Date	Status	
1	Create Sitrep	Updated daily progress in SITREP	11/09/07	Incomplete	Edit
2	Release Tasker – ESF 3 Team Leader	Create and Release Taskers for ESF 3 TL positions	11/09/07	Incomplete	Edit
3	Select Personnel - ESF 3 Support	Accept nominated personnel	11/08/07	Incomplete	Edit
4	Associate Vendor Hotels	Add Residence Inn Marriott and Holiday Inn Express to hotel list	11/08/07	Incomplete	Edit
5	Distribute OPSUM	Release OPSUM at 1200 ET	11/07/07	NA	Edit
	Create Event	California Wildfires - 2007	11/02/07	Complete	Edit
	Create Event POCs	Lodging – Chris Wilber, Financial – John Sharp	11/02/07	Complete	Edit
	Create Mission - NRCC	National Activation (NRCC)	11/03/07	Complete	Edit
	RO Doc	Associate RO Template	11/03/07	Complete	Edit
	Associate Events	Associate District/Division Events	11/03/07	Complete	Edit

Add New Task

COP – Requests for Information

Overview



Request for Information	
RFIs [working]	5
RFIs [complete]	5
Last Request	11/09/2007, 16:42 EST
Avg. Completion Time	26 Hours, 32 mins

USACE

Add New RFI

Date Received	Assigned	Task	Entity	Date Complete	Status	
11/09/2007, 16:42 EST	Gaston, Ron	PRT Mission Assignments	SPL		Working	Edit
11/08/2007, 21:10 EST	Gaston, Ron	JFO Staffing Information	UOC		Working	Edit
11/08/2007, 09:24 EST	Gaston, Ron	DTOS deployment	SPD	11/08/2007, 12:36 EST	Complete	Edit
11/07/2007, 18:54 EST	Seethaler, Lyle	Vender Request	SPL	11/08/2007, 03:12 EST	Complete	Edit

Other Governmental Agencies

Add New RFI

Date Received	Assigned	Task	Entity	Date Complete	Status	
11/09/2007, 14:25 EST	Le, Cavin	NID locations	FEMA		Working	Edit
11/09/2007, 09:56 EST	Simons, C.	Available generator list	Dept. of Energy		Working	Edit
11/07/2007, 11:13 EST	Le, Cavin	Power Installations	San Diego County, CA	11/08/2007, 08:25 EST	Complete	Edit
11/07/2007, 09:56 EST	Wilber, Chris	Affected Infrastucture	FEMA	11/07/2007, 22:16 EST	Complete	Edit
11/06/2007, 23:15 EST	Wilber, Chris	Project Locations	Malibu County, CA	11/07/2007, 08:05 EST	Complete	Edit

Media/Public

Add New RFI

Date Received	Assigned	Task	Entity	Date Complete	Status	
11/08/2007, 18:02 EST	Borden, Christine	Impact on Land Erosion	CNN		Working	Edit

COP – Media Reports

Media Reports

Report	Date
San Diego Shelter Closes	11/08/2007
Firefighters close to containing Malibu fire	11/07/2007
Investigators say campfire started Malibu blaze.	11/07/2007
Estimated 5,000 homes destroyed	11/07/2007
Qualcomm Stadium opens as shelter for evacuees	11/06/2007
News Channel 8 – Fire Map	11/06/2007
Forced Evacuation of 50,000 families	11/05/2007
National State of Emergency Declared	11/05/2007

Summary

Investigators say campfire started Malibu blaze.

MALIBU, California (CNN) -- A campfire set by people "partying" in the woods may have started a huge wildfire that destroyed dozens of homes near Malibu, California, on Saturday.

Two fire investigators told CNN on Sunday the blaze may have originated at a campfire set at the end of a dirt road, where investigators have determined the 4,720-acre Corral Canyon fire began.

Source(Media Type): CNN (web)
Date: November 7, 2007 10:12 EST
Comments: None

Open Report

Add Media Report

Summary

B I U ABC | Styles | Paragraph

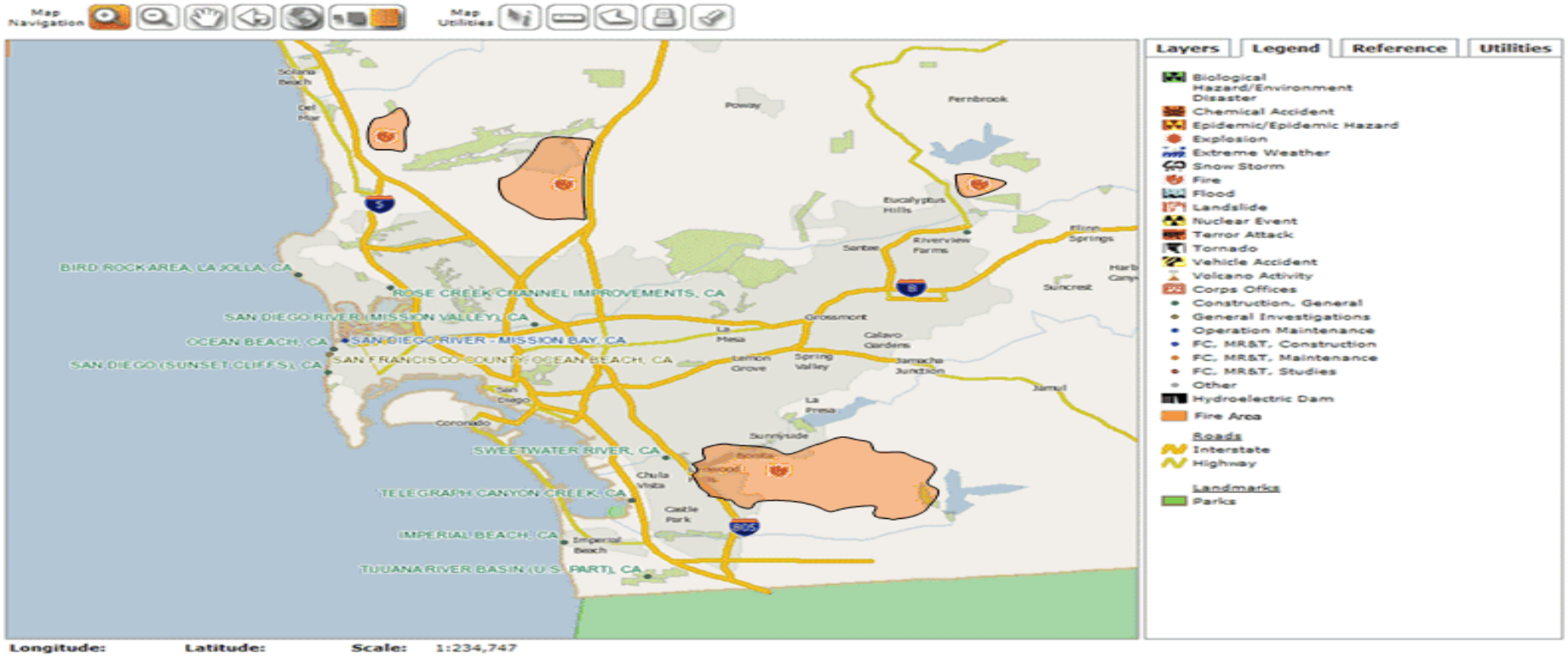
Source Information

Source: CNN
Date/Time: November 8, 2007, 13:12 EST
Media Type: Television
URL: http://www.cnn.com/2007/US/11/25/ca
Comments: Referenced two USACE facilities.

Add Summary | Clear Form

COP – Critical Infrastructure

Event Location



Affected Infrastructure

USACE Infrastructure

Projects:

Fires currently within 5 miles of:

- Sweetwater River, CA
- Rose Creek Channel Improvements, CA
- Telegraph Canyon Creek, CA
- Bird Rock Area, La Jolla, CA

Other Critical Infrastructure

Roads:

Interstates partially closed:

I-8 N, I-805 N/S (San Diego Co)

State roads partially closed:

SR 18, 138, 173, 189, 330 (San Bernardino Co)

SR 76, 78, 94, 188 (San Diego Co)

Note: System should connect to HSIN NICC to access additional data

COP – SWEAT - IR

Power

Incident Overview

- 22,951 customers without power
- 1,644 customers without gas
- All transmission lines are back up
- San Onofre Nuclear Plant initiated startup procedure Fri morning
- San Diego Gas & Electric posted on their website today, a community by community list of estimated restoration times. Some customers may not have power back until Nov 14.

Generator Installations

Facilities – Still Requiring Generator	4
Facilities – Generator Installed	16
Facilites – Requiring De-Installation	2
Assessments in Progress	0
Total PII Requests	22
PIIs Compeleted	22
Generators Asssigned to Event	47

Commodities

Commodities Requested

- 50 Generators
- 2,000 cots
- 2,000 blankets
- FOSA Cache (ETA 1100 10/26/07)
- 16 Generators
- 1 MHE Kit
- FEMA Safety will provide 20,000 M-95 NIOSH Respirators to firefighter personnel

Commodities Delivered

- March FOSA
  - 42,624 MRE
  - 2,808 Cots
  - 79,620 Ltrs Water
  - 4,450 Blankets
  - 2 Generator Pack
  - 86 generators
- Qualcomm Shelter
  - 16,528 Cots
  - 23,848 Blankets

Location Status Report – COE-SAM-04

Location Name	Org. Name	Total Received #trucks (#L/lb)	Total Waiting to Receive #trucks (#L/lb)	Total Stored #trucks (#L/lb)	Total Distributed #trucks (#L/lb)
COE-SAM-04 - adf	SAM	0 (0)	1 (34343)	0 (0)	0 (0)
COE-SAM-04 - Delivery Site 1a	SAM	6 (1200)	2 (79)	1 (1222)	1 (12)
COE-SAM-04 - Delivery Site 2a	SAM	1 (0)	3 (618)	0 (0)	0 (0)
COE-SAM-04 - SAM-POD	SAM	1 (0)	5 (1881)	0 (0)	0 (0)
COE-SAM-04 - SAS - Reston	SAM	1 ()	0 (0)	0 (0)	0 (0)
Commodities Mission - Delivery Site 2a	SAS	0 (0)	1 (2)	0 (0)	0 (0)
Commodities Mission - Mob Loc	SAS	2 (0)	1 (334)	0 (0)	2 (0)
Commodities Mission - SAS - MOB	SAS	0 (0)	2 (367)	0 (0)	0 (0)
Commodities Mission - SAS - Reston	SAS	0 (0)	1 (5000)	0 (0)	0 (0)
Commodities Mission - SAS Delivery Site	SAS	1 (0)	1 (324)	0 (0)	1 (0)
Moody-Commodities - Huntington	LRH	1 (56)	1 (1290)	0 (0)	1 (0)

Note: System would need to access HSIN COP to connect to Sewage, Trash, Other related information not available in ENGLink

Event Chronology

Event Timeline

10/22/2007 - 11/4/2007

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
October 22	23	24	25	26	27	28
10:14 - SPL creates CA Wildfires 23:59 – SPL creates 1st SITREP.	15:48 - SPD creates So Cal Wildfires Oct 07 17:59 - HQ creates California Wildfires - 2007	17:42 – SPD creates 1st mission. Regional Activation HQ releases 1st Tasker. HQ-2007-101398	13:21 – HQ UOC creates 1st mission. Class 200 (Emergency Reponse) 13:21 – SPL creates 1st missi	SPL fills 1st tasker. SPL-2007-101518		
29	30	31	November 1	2	3	4
		$350,000 authorized for LRP mission – Power COE-SPD-03(v)				

Daily Summary

10/24/2007

- 11:27 – SPD releases tasker - ESF3 Team Leader (EM-030)
- 13:40 - HQ creates National Activation (NRCC) – EM-0001
- 13:42 – HQ releases tasker – HQ-2007-101458 - backfilled
- 15:11 – SPL releases SITREP [SPL-002]
- 17:42 – SPD creates 1st mission. Regional Activation – 7220SU-CA-COE-SPD-02
- 18:10 – SPD releases tasker – Asst ESF3 Team Leader (EM-031)
- 18:44 - HQ creates National Activation (NRCC) – DR-0001
- 19:00 – SPD creates Regional Activation – 3279EM-CA-COE-SPD-01
- 22:50 – SPL creates Power mission - 3279EM-CA-COE-SPD-03 Power
- 22:59 – SPL creates Temporary Housing mission - 3279EM-CA-COE-SPD-04 Housing

Legend

- Event Created
- Mission Created
- CEFMS update
- SITREP Released
- Tasker Released

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Common Operating Picture

Way Ahead

- HQ-USACE committed to provide the resources necessary to support the development and implementation of the COP prototype using Readiness Support Center's ENG*Link* management and contract staff.
- Schedule
  - Feb – June 2008 Development and Testing
  - July 1, 2008 – Complete Testing, Promote to Production
  - Beyond July 2008 - Initiate and complete inter-operability with HSIN and DHS COP.

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Questions?